

MERISTIC VARIATION IN *CORYDALIS CORNUTA*, LINN.

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Records of duplication of members in hexapod larvæ are so rare that I submit the subjoined account, drawn up from a specimen of the young of *Corydalis cornuta*, captured in the river near Iowa City, several years ago. The insect is one of a number that I took for class dissection, and as far as noted, the remainder did not depart from the ordinary type. A notice of the case was prepared at the time and sent to a scientific journal on the eve of its suspending publication, so that I think the article was never printed.

The larva under discussion measures, in its preserved state, about an inch and three-quarters in length. The duplication of parts concerns the left hind leg, where the femur, which is normal, bears a bifurcate tibia, one branch of which is longer than the other. The longer side attains a length about equal to that of the right tibia, and bears a tarsus which is approximately normal, though the claws are nearer together than usual ;

the shorter side of the tibia supports a tarsus, which in its turn shows a decided tendency to bifurcation and carries two pairs of claws.

The proportions of the parts are shown in the figure. (Fig. 8.) I am not certain that the short tarsus is drawn in proper perspective, as I accidentally broke it off at the joint marked *a* in the figure, and may have twisted it in replacing. The specimen is preserved in my collection.

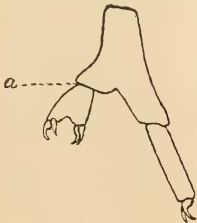


Fig. 8.

## PREOCCUPIED NAME.

I refer to Prof. Fernald's kind notice of my "Hawk Moths," CAN. ENT., 98, 1887, for the statement that the generic term *Atreus* is pre-occupied, having been used by Koch in 1837 for a genus of Scorpions. I should not have troubled myself further in the matter of changing this name in the Sphingidæ, seeing that Prof. Fernald believes a separate genus for *plebeia* from *Protoparce* unnecessary, except that Rothschild and Gordon, in their exhaustive revision of the Sphingidæ, just published, retain the name *Atreus* and criticise my calling the species "*plebeius*," instead of *plebeja*. So I change the name *Atreus*, Grote, 1886, to *Paratrea*, with *P. plebeja* as type.

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